

Jin He

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

329
papers

9,952
citations

52
h-index

88
g-index

361
ext. papers

11,932
ext. citations

7.2
avg, IF

6.52
L-index

#	Paper	IF	Citations
329	Extracellular magnetic labeling of biomimetic hydrogel-induced human mesenchymal stem cell spheroids with ferumoxytol for MRI tracking.. <i>Bioactive Materials</i> , 2023 , 19, 418-428	16.7	1
328	Indocyanine green assembled free oxygen-nanobubbles towards enhanced near-infrared induced photodynamic therapy.. <i>Nano Research</i> , 2022 , 1-9	10	2
327	Adaptive iron-based magnetic nanomaterials of high performance for biomedical applications. <i>Nano Research</i> , 2022 , 15, 1	10	6
326	Edge prior guided dictionary learning for quantitative susceptibility mapping reconstruction.. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022 , 12, 510-525	3.6	
325	High-performance SOD mimetic enzyme Au@Ce for arresting cell cycle and proliferation of acute myeloid leukemia.. <i>Bioactive Materials</i> , 2022 , 10, 117-130	16.7	3
324	Novel magnetic silk fibroin scaffolds with delayed degradation for potential long-distance vascular repair. <i>Bioactive Materials</i> , 2022 , 7, 126-143	16.7	6
323	Selective activation of ABCA1/ApoA1 signaling in the V1 by magnetoelectric stimulation ameliorates depression via regulation of synaptic plasticity.. <i>iScience</i> , 2022 , 25, 104201	6.1	0
322	A biomimetic nanocomposite with enzyme-like activities and CXCR4 antagonism efficiently enhances the therapeutic efficacy of acute myeloid leukemia.. <i>Bioactive Materials</i> , 2022 , 18, 526-538	16.7	4
321	Nanoenzyme engineered neutrophil-derived exosomes attenuate joint injury in advanced rheumatoid arthritis via regulating inflammatory environment.. <i>Bioactive Materials</i> , 2022 , 18, 1-14	16.7	3
320	Dual-network hydrogel based on ionic nano-reservoir for gastric perforation sealing. <i>Science China Materials</i> , 2022 , 65, 827-835	7.1	3
319	Osteogenesis of Iron Oxide Nanoparticles-Labeled Human Precartilaginous Stem Cells in Interpenetrating Network Printable Hydrogel.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 872149	5.8	1
318	Magnetic Nanobubble Mechanical Stress Induces the Piezo1-Ca ²⁺ -BMP2/Smad Pathway to Modulate Neural Stem Cell Fate and MRI/Ultrasound Dual Imaging Surveillance for Ischemic Stroke.. <i>Small</i> , 2022 , e2201123	11	0
317	Artificial Intelligence-Aided Multiple Tumor Detection Method Based on Immunohistochemistry-Enhanced Dark-Field Imaging.. <i>Analytical Chemistry</i> , 2021 ,	7.8	1
316	Effective Electrochemical Modulation of SERS Intensity Assisted by Core-Shell Nanoparticles. <i>Analytical Chemistry</i> , 2021 , 93, 4441-4448	7.8	5
315	Three-dimensional cell-culture platform based on hydrogel with tunable microenvironmental properties to improve insulin-secreting function of MIN6 cells. <i>Biomaterials</i> , 2021 , 270, 120687	15.6	11
314	A Contrast Examination of Proinflammatory Effects on Kidney Function for EFeO NP and Gadolinium Dimeglumine. <i>International Journal of Nanomedicine</i> , 2021 , 16, 2271-2282	7.3	3
313	Dual anisotropy comprising 3D printed structures and magnetic nanoparticle assemblies: towards the promotion of mesenchymal stem cell osteogenic differentiation. <i>NPG Asia Materials</i> , 2021 , 13,	10.3	3

312	Prussian Blue Nanoparticles Having Various Sizes and Crystallinities for Multienzyme Catalysis and Magnetic Resonance Imaging. <i>ACS Applied Nano Materials</i> , 2021 , 4, 5176-5186	5.6	4
311	Potential Osteoinductive Effects of Hydroxyapatite Nanoparticles on Mesenchymal Stem Cells by Endothelial Cell Interaction. <i>Nanoscale Research Letters</i> , 2021 , 16, 67	5	2
310	Sphingosine 1-Phosphate Liposomes for Targeted Nitric Oxide Delivery to Mediate Anticancer Effects against Brain Glioma Tumors. <i>Advanced Materials</i> , 2021 , 33, e2101701	24	14
309	Detecting Individual Bond Switching within Amides in a Tunneling Junction. <i>Nano Letters</i> , 2021 , 21, 5409-5414	11.5	1
308	Direct Observation of Amide Bond Formation in a Plasmonic Nanocavity Triggered by Single Nanoparticle Collisions. <i>Journal of the American Chemical Society</i> , 2021 , 143, 9781-9790	16.4	7
307	Developing Longer-Lived Single Molecule Junctions with a Functional Flexible Electrode. <i>Small</i> , 2021 , 17, e2101911	11	2
306	Single-Entity Approach to Investigate Surface Charge Enhancement in Magnetoelectric Nanoparticles Induced by AC Magnetic Field Stimulation. <i>ACS Sensors</i> , 2021 , 6, 340-347	9.2	11
305	Cell Temperature Measurement for Biometabolism Monitoring. <i>ACS Sensors</i> , 2021 , 6, 290-302	9.2	10
304	Optical Imaging and High-Accuracy Quantification of Intracellular Iron Contents. <i>Small</i> , 2021 , 17, e2005474	11	1
303	Development of an electrospun polycaprolactone/silk scaffold for potential vascular tissue engineering applications. <i>Journal of Bioactive and Compatible Polymers</i> , 2021 , 36, 59-76	2	3
302	Nano-sensing and nano-therapy targeting central players in iron homeostasis. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021 , 13, e1667	9.2	
301	Highly sensitive detection of DNA damage in living cells by SERS and electrochemical measurements using a flexible gold nanoelectrode. <i>Analyst, The</i> , 2021 , 146, 2321-2329	5	3
300	Optical Microscopy: Optical Imaging and High-Accuracy Quantification of Intracellular Iron Contents (Small 2/2021). <i>Small</i> , 2021 , 17, 2170005	11	
299	Superparamagnetic core-shell electrospun scaffolds with sustained release of IONPs facilitating and bone regeneration. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 8980-8993	7.3	0
298	Structure-Relaxivity Mechanism of an Ultrasmall Ferrite Nanoparticle T MR Contrast Agent: The Impact of Dopants Controlled Crystalline Core and Surface Disordered Shell. <i>Nano Letters</i> , 2021 , 21, 1115-1123	11.5	8
297	Tri-primer-enhanced strand exchange amplification combined with rapid lateral flow fluorescence immunoassay to detect SARS-CoV-2. <i>Analyst, The</i> , 2021 , 146, 6650-6664	5	1
296	Scanning Ion Conductance Microscopy Study Reveals the Disruption of the Integrity of the Human Cell Membrane Structure by Oxidative DNA Damage. <i>ACS Applied Bio Materials</i> , 2021 , 4, 1632-1639	4.1	4
295	Multicellular Spheroids Formation on Hydrogel Enhances Osteogenic/Odontogenic Differentiation of Dental Pulp Stem Cells Under Magnetic Nanoparticles Induction. <i>International Journal of Nanomedicine</i> , 2021 , 16, 5101-5115	7.3	3

294	Effect of Electrical Stimulation on Spontaneously Beating Dynamics of Cardiac Tissues: An Analysis Using Digital Image Correlation. <i>Advanced Materials Technologies</i> , 2021 , 6, 2100669	6.8	3
293	Xenon Nanobubbles for the Image-Guided Preemptive Treatment of Acute Ischemic Stroke via Neuroprotection and Microcirculatory Restoration. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 43880-43891	9.5	1
292	Prussian Blue Nanozymes Prevent Anthracycline-Induced Liver Injury by Attenuating Oxidative Stress and Regulating Inflammation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 42382-42395	9.5	4
291	Microscopic Volta potential difference on metallic surface promotes the osteogenic differentiation and proliferation of human mesenchymal stem cells. <i>Materials Science and Engineering C</i> , 2021 , 128, 112325	8.3	3
290	Electrochemical detection of DNA by formation of efficient electron transfer pathways through adsorbing gold nanoparticles to DNA modified electrodes. <i>Microchemical Journal</i> , 2021 , 169, 106581	4.8	7
289	Ultrasmall Prussian blue nanoparticles attenuate UVA-induced cellular senescence in human dermal fibroblasts inhibiting the ERK/AP-1 pathway. <i>Nanoscale</i> , 2021 , 13, 16104-16112	7.7	1
288	Zwitterion-functionalized hollow mesoporous Prussian blue nanoparticles for targeted and synergetic chemo-photothermal treatment of acute myeloid leukemia. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 5245-5254	7.3	3
287	Achieving Ultrasmall Prussian Blue Nanoparticles as High-Performance Biomedical Agents with Multifunctions. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 57382-57390	9.5	16
286	Dynamic single-cell intracellular pH sensing using a SERS-active nanopipette. <i>Analyst, The</i> , 2020 , 145, 4852-4859	5	10
285	Reliably Probing the Conductance of a Molecule in a Cavity via van der Waals Contacts. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 16143-16148	3.8	7
284	Hierarchical Fabrication of Plasmonic Superlattice Membrane by Aspect-Ratio Controllable Nanobricks for Label-Free Protein Detection. <i>Frontiers in Chemistry</i> , 2020 , 8, 307	5	3
283	Detection of Secretion of Exosomes from Individual Cell in Real-Time by Multifunctional Nanoelectrode-Nanopore Nanopipettes. <i>Chinese Journal of Analytical Chemistry</i> , 2020 , 48, e20061-e20068	1.6	3
282	Synthesis of Ultrasmall Fe ₃ O ₄ Nanoparticles as T1/T2 Dual-Modal Magnetic Resonance Imaging Contrast Agents in Rabbit Hepatic Tumors. <i>ACS Applied Nano Materials</i> , 2020 , 3, 3585-3595	5.6	19
281	An Easy-to-Fabricate Hydrogel Platform with Tunable Stiffness and Cell Anchorage: Validation of Its Feasibility in Modulating Sonic Hedgehog Signaling Pathway Physically. <i>Macromolecular Materials and Engineering</i> , 2020 , 305, 1900759	3.9	4
280	Long-Lived Gold Single-Atom Junctions Formed by a Flexible Probe for Scanning Tunneling Microscopy Applications. <i>ACS Applied Nano Materials</i> , 2020 , 3, 3410-3416	5.6	9
279	A Novel Biomimetic Magnetosensor Based on Magneto-Optically Involved Conformational Variation of MagR/Cry4 Complex. <i>Advanced Electronic Materials</i> , 2020 , 6, 1901168	6.4	2
278	Multiscale Patterned Plasmonic Arrays for Highly Sensitive and Uniform SERS Detection. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2000248	4.6	3
277	In situ microbubble-assisted, ultrasound-controlled release of superparamagnetic iron oxide nanoparticles from gastro-retentive tablets. <i>International Journal of Pharmaceutics</i> , 2020 , 586, 119615	6.5	4

276	Platelet Membrane Biomimetic Magnetic Nanocarriers for Targeted Delivery and Generation of Nitric Oxide in Early Ischemic Stroke. <i>ACS Nano</i> , 2020 , 14, 2024-2035	16.7	68
275	Optimization of hydrophobic nanoparticles to better target lipid rafts with molecular dynamics simulations. <i>Nanoscale</i> , 2020 , 12, 4101-4109	7.7	12
274	Magnetic brain stimulation using iron oxide nanoparticle-mediated selective treatment of the left prelimbic cortex as a novel strategy to rapidly improve depressive-like symptoms in mice. <i>Zoological Research</i> , 2020 , 41, 381-394	3.4	5
273	A Multi-Channel System for Temperature Sensing of Neural Stem Cells in Adherent Culture. <i>Analytical Chemistry</i> , 2020 , 92, 3270-3275	7.8	4
272	Data sustained misalignment correction in microscopic cone beam CT via optimization under the Grangeat Epipolar consistency condition. <i>Medical Physics</i> , 2020 , 47, 498-508	4.4	3
271	The fabrication of a gold nanoelectrode-nanopore nanopipette for dopamine enrichment and multimode detection. <i>Analyst</i> , 2020 , 145, 1047-1055	5	13
270	Rituximab conjugated iron oxide nanoparticles for targeted imaging and enhanced treatment against CD20-positive lymphoma. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 895-907	7.3	9
269	Triplexed Tracking Labile Sulfur-Containing Species on a Single-Molecule "Nezha" Sensor. <i>Analytical Chemistry</i> , 2020 , 92, 2672-2679	7.8	
268	Micro/nano-bubble-assisted ultrasound to enhance the EPR effect and potential theranostic applications. <i>Theranostics</i> , 2020 , 10, 462-483	12.1	67
267	Applying deep learning in automatic and rapid measurement of lattice spacings in HRTEM images. <i>Science China Materials</i> , 2020 , 63, 2365-2370	7.1	3
266	Genetic variants in TKT and DERA in the nicotinamide adenine dinucleotide phosphate pathway predict melanoma survival. <i>European Journal of Cancer</i> , 2020 , 136, 84-94	7.5	1
265	Combined Therapeutic Effects of I-Labeled and 5Fu-Loaded Multifunctional Nanoparticles in Colorectal Cancer. <i>International Journal of Nanomedicine</i> , 2020 , 15, 2777-2787	7.3	4
264	Extrusion 3D Printing of Porous Silicone Architectures for Engineering Human Cardiomyocyte-Infused Patches Mimicking Adult Heart Stiffness.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 5865-5871	4.1	4
263	Observing dynamic molecular changes at single-molecule level in a cucurbituril based plasmonic molecular junction. <i>Nanoscale</i> , 2020 , 12, 17103-17112	7.7	5
262	Magnetic sensor based on image processing for dynamically tracking magnetic moment of single magnetic mesenchymal stem cell. <i>Biosensors and Bioelectronics</i> , 2020 , 169, 112593	11.8	4
261	Indocyanine Green Assembled Nanobubbles with Enhanced Fluorescence and Photostability. <i>Langmuir</i> , 2020 , 36, 12983-12989	4	5
260	Modular design of Bi-specific nanoplatform engaged in malignant lymphoma immunotherapy. <i>Nanoscale</i> , 2020 , 12, 18418-18428	7.7	3
259	Simultaneous mapping of nanoscale topography and surface potential of charged surfaces by scanning ion conductance microscopy. <i>Nanoscale</i> , 2020 , 12, 20737-20748	7.7	7

258	Strongly coupled MoC and Ni nanoparticles with in-situ formed interfaces encapsulated by porous carbon nanofibers for efficient hydrogen evolution reaction under alkaline conditions. <i>Journal of Colloid and Interface Science</i> , 2020 , 558, 100-105	9.3	17
257	Proton exchange membranes with cross-linked interpenetrating network of sulfonated polyvinyl alcohol and poly(2-acrylamido-2-methyl-1-propanesulfonic acid): Excellent relative selectivity. <i>Journal of Membrane Science</i> , 2020 , 595, 117511	9.6	18
256	Differentiation of metallic and dielectric nanoparticles in solution by single-nanoparticle collision events at the nanoelectrode. <i>Nanotechnology</i> , 2020 , 31, 015503	3.4	4
255	Iron-Based Nanozymes in Disease Diagnosis and Treatment. <i>ChemBioChem</i> , 2020 , 21, 2722-2732	3.8	8
254	Temperature-regulated self-assembly of lipids at free bubbles interface: A green and simple method to prepare micro/nano bubbles. <i>Nano Research</i> , 2020 , 13, 999-1007	10	7
253	Modulating Nanoparticle Translocation by Surface Chemistry of Gold Nanopores. <i>Chinese Journal of Analytical Chemistry</i> , 2019 , 47, e19081-e19087	1.6	
252	Facile Fabrication of Gold Functionalized Nanopipette for Nanoscale Electrochemistry and Surface Enhanced Raman Spectroscopy. <i>Chinese Journal of Analytical Chemistry</i> , 2019 , 47, e19104-e19112	1.6	3
251	Regulations on cell therapy products in China: a brief history and current status. <i>Regenerative Medicine</i> , 2019 , 14, 791-803	2.5	4
250	Polymerase chain reaction combined with fluorescent lateral flow immunoassay based on magnetic purification for rapid detection of canine parvovirus 2. <i>BMC Veterinary Research</i> , 2019 , 15, 30	2.7	17
249	Gold Nanoparticle Probe-Assisted Antigen-Counting Chip Using SEM. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 6769-6776	9.5	8
248	A signal amplifying fluorescent nanoprobe and lateral flow assay for ultrasensitive detection of cardiac biomarker troponin I. <i>Analytical Methods</i> , 2019 , 11, 3506-3513	3.2	10
247	Modulating and probing the dynamic intermolecular interactions in plasmonic molecule-pair junctions. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 15940-15948	3.6	5
246	Electrospun SiO ₂ /WO ₃ /NiWO ₄ decorated carbon nanofibers for an efficient electrocatalytic hydrogen evolution. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019 , 27, 506-513	1.8	6
245	Electrospun PW ₁₂ Ni ₅ O _{43.5} (isogenous) nanocomposites for highly efficient hydrogen evolution reaction. <i>Materials Research Express</i> , 2019 , 6, 075015	1.7	2
244	Poly(amidoamine) Dendrimer as a Respiratory Nanocarrier: Insights from Experiments and Molecular Dynamics Simulations. <i>Langmuir</i> , 2019 , 35, 5364-5371	4	12
243	Single-Irradiation Simultaneous Dual-Modal Bioimaging Using Nanostructure Scintillators as Single Contrast Agent. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1801324	10.1	6
242	Bulk Nanobubbles Fabricated by Repeated Compression of Microbubbles. <i>Langmuir</i> , 2019 , 35, 4238-4245		33
241	Catalytic Mechanisms of Nanozymes and Their Applications in Biomedicine. <i>Bioconjugate Chemistry</i> , 2019 , 30, 1273-1296	6.3	67

240	MoC-Ni modified carbon microfibers as an effective electrocatalyst for hydrogen evolution reaction in acidic solution. <i>Journal of Colloid and Interface Science</i> , 2019 , 543, 300-306	9.3	8
239	Apoptosis-promoting effect of rituximab-conjugated magnetic nanoprobe on malignant lymphoma cells with CD20 overexpression. <i>International Journal of Nanomedicine</i> , 2019 , 14, 921-936	7.3	18
238	Preparation and Cellular Uptake Assessment of Multifunctional Rubik-Like Magnetic Nano-Assemblies. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 3301-3309	1.3	1
237	Iron oxide nanoparticles in liquid or powder form enhanced osteogenesis via stem cells on injectable calcium phosphate scaffold. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 21, 102069	6	7
236	Magnetic targeting combined with active targeting of dual-ligand iron oxide nanoprobe to promote the penetration depth in tumors for effective magnetic resonance imaging and hyperthermia. <i>Acta Biomaterialia</i> , 2019 , 96, 491-504	10.8	41
235	Iron oxide nanoparticles induce reversible endothelial-to-mesenchymal transition in vascular endothelial cells at acutely non-cytotoxic concentrations. <i>Particle and Fibre Toxicology</i> , 2019 , 16, 30	8.4	18
234	Iron oxide nanoparticle-calcium phosphate cement enhanced the osteogenic activities of stem cells through WNT/ β -catenin signaling. <i>Materials Science and Engineering C</i> , 2019 , 104, 109955	8.3	24
233	Experimental Research of In Vivo Mouse Cardiac 4D Micro-CT Imaging via Deformation Vector Field Registration. <i>Sensing and Imaging</i> , 2019 , 20, 1	1.4	
232	A new approach of electrochemical etching fabrication based on drop-off-delay control. <i>Review of Scientific Instruments</i> , 2019 , 90, 074902	1.7	0
231	High-Performance Worm-like Mn-Zn Ferrite Theranostic Nanoagents and the Application on Tumor Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 29536-29548	9.5	18
230	Employing Macrophage-Derived Microvesicle for Kidney-Targeted Delivery of Dexamethasone: An Efficient Therapeutic Strategy against Renal Inflammation and Fibrosis. <i>Theranostics</i> , 2019 , 9, 4740-4755 ^{12.1}		50
229	Novel lipophilic SN38 prodrug forming stable liposomes for colorectal carcinoma therapy. <i>International Journal of Nanomedicine</i> , 2019 , 14, 5201-5213	7.3	16
228	Enhanced Tumor Synergistic Therapy by Injectable Magnetic Hydrogel Mediated Generation of Hyperthermia and Highly Toxic Reactive Oxygen Species. <i>ACS Nano</i> , 2019 , 13, 14013-14023	16.7	85
227	Current applications and future prospects of nanotechnology in cancer immunotherapy. <i>Cancer Biology and Medicine</i> , 2019 , 16, 486-497	5.2	24
226	Differential interactions of missing in metastasis and insulin receptor tyrosine kinase substrate with RAB proteins in the endocytosis of CXCR4. <i>Journal of Biological Chemistry</i> , 2019 , 294, 6494-6505	5.4	1
225	Antibody-Oriented Strategy and Mechanism for the Preparation of Fluorescent Nanoprobes for Fast and Sensitive Immunodetection. <i>Langmuir</i> , 2019 , 35, 4860-4867	4	23
224	Magnet-activatable nanoliposomes as intracellular bubble microreactors to enhance drug delivery efficacy and burst cancer cells. <i>Nanoscale</i> , 2019 , 11, 18854-18865	7.7	14
223	Extracellular Surface Potential Mapping by Scanning Ion Conductance Microscopy Revealed Transient Transmembrane Pore Formation Induced by Conjugated Polymer Nanoparticles. <i>Macromolecular Bioscience</i> , 2019 , 19, e1800271	5.5	8

222	Novel magnetic calcium phosphate-stem cell construct with magnetic field enhances osteogenic differentiation and bone tissue engineering. <i>Materials Science and Engineering C</i> , 2019 , 98, 30-41	8.3	39
221	Prognostic value of serum liver enzymes in oral and oropharynx squamous cell carcinomas. <i>Journal of Oral Pathology and Medicine</i> , 2019 , 48, 36-42	3.3	1
220	Light-Inducible Exosome-Based Vehicle for Endogenous RNA Loading and Delivery to Leukemia Cells. <i>Advanced Functional Materials</i> , 2019 , 29, 1807189	15.6	23
219	Missing-in-metastasis protein promotes internalization of magnetic nanoparticles via association with clathrin light chain and Rab7. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019 , 1863, 502-510	4	3
218	Numerical simulations of cell flow and trapping within microfluidic channels for stiffness based cell isolation. <i>Journal of Biomechanics</i> , 2019 , 85, 43-49	2.9	1
217	A novel calibration method incorporating nonlinear optimization and ball-bearing markers for cone-beam CT with a parameterized trajectory. <i>Medical Physics</i> , 2019 , 46, 152-164	4.4	9
216	Key Role of TFEB Nucleus Translocation for Silver Nanoparticle-Induced Cytoprotective Autophagy. <i>Small</i> , 2018 , 14, e1703711	11	26
215	Monitoring the Dynamic Process of Formation of Plasmonic Molecular Junctions during Single Nanoparticle Collisions. <i>Small</i> , 2018 , 14, e1704164	11	11
214	Probing Dynamic Events of Dielectric Nanoparticles by a Nanoelectrode-Nanopore Nanopipette. <i>ChemElectroChem</i> , 2018 , 5, 3102-3112	4.3	7
213	Magnetic labeling of natural lipid encapsulations with iron-based nanoparticles. <i>Nano Research</i> , 2018 , 11, 2970-2991	10	5
212	Serum bilirubin level predicts postoperative overall survival in oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2018 , 47, 382-387	3.3	5
211	Magnetic nanoparticles: recent developments in drug delivery system. <i>Drug Development and Industrial Pharmacy</i> , 2018 , 44, 697-706	3.6	38
210	Sparks fly between ascorbic acid and iron-based nanozymes: A study on Prussian blue nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 163, 379-384	6	15
209	Injectable calcium phosphate scaffold with iron oxide nanoparticles to enhance osteogenesis via dental pulp stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 423-433	6.1	38
208	Enhanced bone regeneration and visual monitoring via superparamagnetic iron oxide nanoparticle scaffold in rats. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018 , 12, e2085-e2098	4.4	42
207	Rapid in situ biosynthesis of gold nanoparticles in living platelets for multimodal biomedical imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 163, 385-393	6	17
206	Rotating magnetic field-controlled fabrication of magnetic hydrogel with spatially disk-like microstructures. <i>Science China Materials</i> , 2018 , 61, 1112-1122	7.1	11
205	Injectable magnetic supramolecular hydrogel with magnetocaloric liquid-conformal property prevents post-operative recurrence in a breast cancer model. <i>Acta Biomaterialia</i> , 2018 , 74, 302-311	10.8	43

204	Fluorescent Nanoprobes with Oriented Modified Antibodies to Improve Lateral Flow Immunoassay of Cardiac Troponin I. <i>Analytical Chemistry</i> , 2018 , 90, 6502-6508	7.8	69
203	Glutathione-Depleting Gold Nanoclusters for Enhanced Cancer Radiotherapy through Synergistic External and Internal Regulations. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 10601-10606	9.5	55
202	Thermo-Sensitive PLGA-PEG-PLGA Tri-Block Copolymer Hydrogel as Three-Dimensional Cell Culture Matrix for Ovarian Cancer Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 5252-5255	1.3	7
201	Adaptive Materials Based on Iron Oxide Nanoparticles for Bone Regeneration. <i>ChemPhysChem</i> , 2018 , 19, 1965-1979	3.2	37
200	Effect of the surface charge density of nanoparticles on their translocation across pulmonary surfactant monolayer: a molecular dynamics simulation. <i>Molecular Simulation</i> , 2018 , 44, 85-93	2	10
199	Improving sensitivity of magnetic resonance imaging by using a dual-targeted magnetic iron oxide nanoprobe. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 161, 339-346	6	16
198	Gold nanoparticles in injectable calcium phosphate cement enhance osteogenic differentiation of human dental pulp stem cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 35-45	6	40
197	Time-Dependent T1 ρ 2 Switchable Magnetic Resonance Imaging Realized by c(RGDyK) Modified Ultrasmall Fe ₃ O ₄ Nanoprobes. <i>Advanced Functional Materials</i> , 2018 , 28, 1802281	15.6	33
196	Estimation the tumor temperature in magnetic nanoparticle hyperthermia by infrared thermography: Phantom and numerical studies. <i>Journal of Thermal Biology</i> , 2018 , 76, 89-94	2.9	12
195	Roles of PIP2 in the membrane binding of MIM I-BAR: insights from molecular dynamics simulations. <i>FEBS Letters</i> , 2018 , 592, 2533-2542	3.8	8
194	Magnetic Resonance Imaging: Time-Dependent T1 ρ 2 Switchable Magnetic Resonance Imaging Realized by c(RGDyK) Modified Ultrasmall Fe ₃ O ₄ Nanoprobes (Adv. Funct. Mater. 32/2018). <i>Advanced Functional Materials</i> , 2018 , 28, 1870221	15.6	5
193	The Application of Nanomaterials in Stem Cell Therapy for Some Neurological Diseases. <i>Current Drug Targets</i> , 2018 , 19, 279-298	3	17
192	Magnetic field and nano-scaffolds with stem cells to enhance bone regeneration. <i>Biomaterials</i> , 2018 , 183, 151-170	15.6	117
191	A Rapid Test Strip for Diagnosing Glycosylated Hemoglobin (HbA1c) Based on Fluorescent Affinity Immunochromatography. <i>Analytical Sciences</i> , 2018 , 34, 1117-1123	1.7	0
190	Integration of a Superparamagnetic Scaffold and Magnetic Field To Enhance the Wound-Healing Phenotype of Fibroblasts. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 22913-22923	9.5	19
189	Crosslinked Dextran Gel Microspheres with Computed Tomography Angiography and Drug Release Function. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 2931-2937	1.3	2
188	Cucurbituril mediated single molecule detection and identification via recognition tunneling. <i>Nanotechnology</i> , 2018 , 29, 365501	3.4	10
187	Peroxidase-Like Activity of Gold Nanoparticles and Their Gold Staining Enhanced ELISA Application. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 951-958	1.3	16

186	Biomimetic Domain-Active Electrospun Scaffolds Facilitating Bone Regeneration Synergistically with Antibacterial Efficacy for Bone Defects. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 3248-3259	9.5	38
185	Liposomally formulated phospholipid-conjugated novel near-infrared fluorescence probe for particle size effect on cellular uptake and biodistribution in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 161, 588-596	6	16
184	Platelet bio-nanobubbles as microvascular recanalization nanoformulation for acute ischemic stroke lesion theranostics. <i>Theranostics</i> , 2018 , 8, 4870-4883	12.1	41
183	Magnetic Cell-Scaffold Interface Constructed by Superparamagnetic IONP Enhanced Osteogenesis of Adipose-Derived Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 44279-44289	9.5	37
182	Fast immunofluorescence lateral flow test strip approach for detection of homocysteine. <i>Micro and Nano Letters</i> , 2018 , 13, 1719-1723	0.9	1
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